

UFB

UFB



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

09/216,483 12/18/98 MISHRA

A 0138-US (P650

┌

WM01/0307

└

EXAMINER

TIMOTHY N TROP
TROP PRUNER HU & MILES
8554 KATY FREEWAY STE 100
HOUSTON TX 77024

MEHRPOUR, N

ART UNIT

PAPER NUMBER

2682

DATE MAILED:

03/07/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

UFB

Office Action Summary

Application No.

09/216,483

Applicant(s)

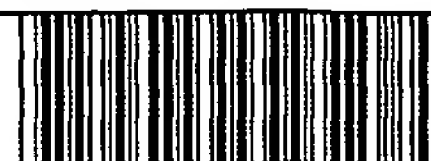
Animesh Mishra

Examiner

Naghmeh Mehrpour

Group Art Unit

2682



☐ Responsive to communication(s) filed on _____.

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 7-26 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 7-26 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☐ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit:

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. **Claims 7-14, 16-25**, are rejected under 35 U.S.C. 103(a) as being unpatentable over Yeom et al. (US Patent Number 5,943,625)

Regarding **Claims 7-8, 12-13**, Yeom teaches a remote control 200 for an electronic device comprising: a first device including a processor arranged to control a radio frequency transceiver and an infrared transceiver, and a device adapted to remotely control an electronic device 11 and a telephone unit 13 adopted to enable remote communication with a telephone network (See figure 1, Column 5 lines 19-40), the telephone unit including a transceiver to remotely communicate with the telephone network, the telephone unit including a device that detect the carrier frequency of another wireless telephone and automatically tunes to the carrier frequency of another wireless telephone. **The first device including a storage instructions that enable the processor to prompt the user to issue a page on the user's wireless telephone.** Yeom remote control contains a processor that controls the radio frequency and an electronic device. Yeom dose not specifically mention that **the processor prompt the user to issue a page from the user's wireless telephone.**

Art Unit:

However it is obvious that **in order for the processor to communicate with the wireless telephone it has to prompt the user to send a signal to the user's wireless telephone .**

Therefore. It would have been obvious to ordinary skill in the art at the time the invention was made to provide above teaching to Yeom, in order to provide a programmable remote control which is capable of automatically controlling various type of electrically operatable equipments.

Regarding **Claims 16, 20, 22, 25**, Yeom teaches a method of completing a telephone call comprising:

enabling a user to receive a telephone call on a remote control unit,

enabling the user to control an electronic device using the remote control unit (See figure 1, Column 5 lines 19-40),

Yeom does not specifically mention that **the processor prompt the user to issue a page from the user's wireless telephone.**

However it is obvious that **in order for the processor to communicate with the wireless telephone it has to prompt the user to send a signal to the user's wireless telephone.**

Therefore, it would have been obvious to ordinary skill in the art at the time the invention was made to provide above teaching to Yeom, in order to provide a programmable remote control which is capable of automatically controlling various type of electrically operatable equipments.

Regarding **Claims 9-10**, Yeom teaches a remote control unit wherein the transceiver is a radio frequency (See figure 1, numerals 200, and 13, Column 5 lines 19-23) , inherently radio transceiver is tunable to the carrier frequency used by another wireless telephone.

Art Unit:

Regarding **Claim 14**, Yeom teaches a remote control system wherein the control unit is adapted to act as radio frequency transceiver for telephone communications with the first device 104. In figure 1, Operation control unit 21 controls the telephone receiver 221, and telephone transmitter 261.

Regarding **Claims 6, 11**, Yeom teaches a remote control which forward a wireless transmission received from the telephone 13 to the electronic unit 11 (See figure 1). Yeom does not specifically mention repeater forwarding the wireless transmission. However it is well known in the art to use repeater for signal transmission. Therefore, it would have been obvious to ordinary skill in the art at the time the invention was made to repeater for forwarding the wireless transmission, for the purpose of stronger signal.

Regarding **Claims 17, 24**, Yeom teaches a method that detects an incoming call and produces an off hook signal (Column 6 lines 5-20, See figure 1).

Regarding **Claims 18-19**, Yeom teaches a method including converting signals from a telephone network into radio frequency signals and transmitting the signals to the remote control unit (Column 4 lines 60-67).

Regarding **Claims 21, 23**, Yeom teaches a remote control unit wherein the transceiver is a radio frequency (See figure 1, numerals 200, and 13, Column 5 lines 19-23) , inherently radio transceiver is tunable to the carrier frequency used by another wireless telephone.

3. **Claims 15**, is rejected under 35 U.S.C. 103(a) as being unpatentable over Yeom et al. (US Patent Number 5,943,625) in view of Gouessant (US Patent Number 5,920,806).

Art Unit:

Regarding **Claim 15**, Yeom fails teaches a control system wherein the first device is a set-top computer system. However Gouessant teaches a control system wherein the device is a set-top computer (See figure 1, Abstract, Column 3 lines 5-25). Therefore, it would have been obvious to ordinary skill in the art at the time the invention was made to above teaching of Gouessant to Yeom, in order to use a device which can be adapted to computer and TV.

4. **Claim 26**, is rejected under 35 U.S.C. 103(a) as being unpatentable over Yeom et al. (US Patent Number 5,943,625) in view of Welty (US Patent Number 5,109,222).

Regarding **Claim 26**, Yoem fails to teach a method that includes detecting the carrier frequency of a proximate wireless telephone and adopting the frequency as a carrier frequency for communication with the remote control unit. However Welty teaches a method that is includes detecting the carrier frequency of a proximate wireless telephone and adopting the frequency as a carrier frequency for communication with the remote control unit (Column 4 lines 23-45).

Therefore. It would have been obvious to ordinary skill in the art at the time the invention was made to provide above teaching to Yeom, in order to provide a programmable remote control which is capable of automatically controlling various type of electrically operable equipments.

Response to Arguments

5. Applicant's arguments with respect to **claims 7-26**, have been considered but are moot in view of the new ground(s) of rejection.

Art Unit:

Conclusion

6. Any responses to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 308--6296, (for formal communications intended for entry)

Or:

(703) 308-6306, (for informal or draft communications, please label

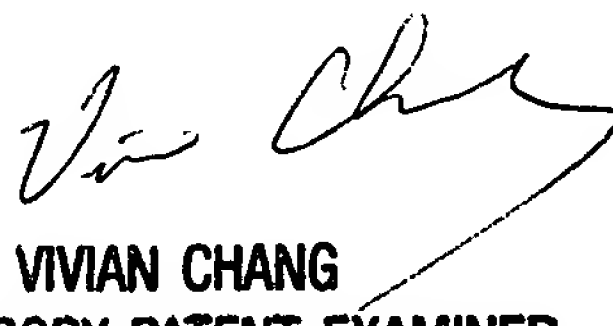
“PROPOSED” or “DRAFT”)

Hand-delivered responses should be brought to Crystal Park II. 2121 Crystal Drive, Arlington. Va., sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Melody Mehrpour whose telephone number is (703) 308-7159. The examiner can normally be reached on Monday through Thursday (first week of bi-week) and Monday through Friday (second week of bi-week) from 6:30 a.m. to 5:00 p.m.

NM

March 6, 2001


VIVIAN CHANG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600